



Europass Curriculum Vitae

Personal information

First name / Surname Fabio Favilli
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Nationality Italian
Date of birth 13/12/1997
Gender Male

Work experience

Dates	07/2024 → 08/2025
Occupation or position held	Researcher in multi-hazard risk assessment to support adaptation planning in marine coastal areas
Main activities and responsibilities	The research activities are carried out within the following research projects: <ul style="list-style-type: none">• DesirMED - WP1 support in the analysis baseline and data inventory (T1.2), WP4 landscape characterization in the demonstration and replication regions, and risk modeling in the regional case study of Split Dalmatia;• NBRACER - WP5 support in data collection data and risk modelling in the case study Cantabria;• AcquaGuard - WP1 and WP2 support in the development of the risk database and design of the risk model for the risk model for the case study of the Veneto region (with particular attention to the land-sea interaction).
Name and address of employer	CMCC@Ca'Foscari Euro-Mediterranean Center on Climate Change Ca' Foscari University of Venice
Type of business or sector	Research activities, environmental analysis, data analyst
Dates	02/2023 → 06/2024
Occupation or position held	Urban planner, Data Visualization, Data Analyst
• Main activities and responsibilities	The research activities are carried out within the following research projects: <ul style="list-style-type: none">• IMPETUS4CHANGE (I4C) : Horizon2020 research project where climate experts, urban professionals, and society collaborate to enhance the quality and accessibility of climate information in cities and regions. I am actively involved in climate policy research and knowledge management, with a specific focus on urban heat and the exploration of innovative calculation methodologies for extreme climate events.• Mappe di Genere : contributor to the "Gender gap reduction in urban projects" initiative in partnership with the Municipality of Bologna and the European Investment Bank (EIB). My role involved exploring available data for the municipality, knowledge and information management, meticulous data cleaning, and the subsequent production of 65 gender-sensitive maps.• Schéma Directeur d'Urbanisme du Grand Conakry : in a comprehensive project collaboration with UN-Habitat for the urban plans of Grand Conakry. My responsibilities included GIS reconstruction of urban plans, geospatial data cleaning, data validation and the creation of tutorials to support and explain the operation of the newly developed QGIS plugin 'QuickWebViewer.'
Name and address of employer	300.000Km/s
Type of business or sector	Research Activities, Environmental Analysis, Mapping, Data Collection, Data Visualization

Dates	07/2022 → 10/2022
Occupation or position held	Internship
Name and address of employer	300.000Km/s
Type of business or sector	Cartography - Data cleaning - Data visualisation - Revision of urban plans - Climate policy – Gender policy
Education and training	
Dates	02/2024
Title of qualification awarded	Certificate of attendance : MOOC Nature-based Solutions for Disaster and Climate Resilience
Principal subjects/occupational skills covered	<ul style="list-style-type: none"> • Advanced knowledge of nature-based solutions for ecosystem and biodiversity restoration and protection. • Intersectoral collaboration with governments, civil society, and the private sector. • Best practices sharing for managing and applying nature-based solutions.
Name and type of organisation providing education and training	United Nations Environment Programme (UNEP) and the Partnership for Environment and Disaster Risk Reduction (PEDRR) with support from the European Union.
Dates	11/2023
Title of qualification awarded	Professional Qualification - section A
Principal subjects/occupational skills covered	<ul style="list-style-type: none"> • Completion of state examination section A - Spatial Planning on 23/11/2023, held at IUAV, Venice.
Dates	10/2020 → 12/2022
Title of qualification awarded	MA_Master's degree Urban planning and Policies for the City, Environment and Territory
Principal subjects/occupational skills covered	Thesis : Climate Apocalypse : digital technologies to support climate change visualization Supervisor : Prof. Francesco Musco Evaluation : 110/110 cum laude
Name and type of organisation providing education and training	University of Architecture of Venice -IUAV-, Department of Urbanism and Spatial Planning
Dates	02/2022 → 07/2022
Title of qualification awarded	MA_Architecture and Urban Planning, visiting student extra UE
Name and type of organisation providing education and training	College of Architecture and Urban Planning, Tongji University
Dates	06/2022
Title of qualification awarded	Certificate of attendance : MIT Design X Venice
Principal subjects/occupational skills covered	<ul style="list-style-type: none"> • MITdesignX Venice is a new multi-year initiative bringing our Venture Design program to Venice in collaboration with local partner SerenDPT. • Proposal DTCC (Digital Technologies Climate Change) is designed as a tool for knowledge and support on climate issues. DTCC can play a fundamental role in decision-making for monitoring, adaptation, and forecasting actions, integrating the social, environmental, and governance dimensions from a multidisciplinary perspective. DTCC makes visible in real-time an invisible image of the city produced by data, democratizing its use for the benefit of all.
Name and type of organisation providing education and training	MIT Boston and SerenDPT
Dates	05/2022
Title of qualification awarded	Certificate of attendance : Phytion for Data Science - Ai & Development

Principal subjects/occupational skills covered	<ul style="list-style-type: none"> Apply Python programming logic Variables, Data Structures, branching, loops, functions, objects and classes. Demonstrate proficiency in the use of Python libraries such as Pandas and Numpy and code development with Jupyter Notebooks. Access and webscrape data using Python APIs and libraries such as Beautiful Soup. 																									
Name and type of organisation providing education and training	Joseph Santarcangelo, IBM.																									
Dates	09/2021																									
Title of qualification awarded	Certificate of attendance : Workshop Marine_ECOMed, Thessaloniki																									
Principal subjects/occupational skills covered	<ul style="list-style-type: none"> The MARINE_ECOMED Project is framed to enhance research and cooperation within the Mediterranean region in the field of sustainable management of marine and coastal areas through the development of innovative communication and education strategies. The proposed plan for the Gulf of Thessaloniki has been elaborated with the aim of combating climate change and proposing necessary actions to reduce the pollution of the area, regulate the uses of the sea and defend the marine ecosystems. 																									
Name and type of organisation providing education and training	Promoted by Marine_ECOMed and in collaboration with IUAV University, Aix Marseille University, Thessaloniki University, iSEA, SUBMON, TETHYS.																									
Dates	01/2019 → 07/2019																									
Title of qualification awarded	BA_Architecture, visiting student Erasmus +																									
Name and type of organisation providing education and training	ENSAPLV École nationale supérieure d'architecture de Paris-La Villette																									
Dates	10/2017 → 10/2020																									
Title of qualification awarded	BA_Bachelor degree in Science of Architecture																									
Principal subjects/occupational skills covered	Thesis: Urban regeneration : from Giardini Baltimora to Spianata dell'Acquasola Supervisors : Prof.Nicola Valentino Canessa e Prof.Manuel Gausa Evaluation : 106/110																									
Name and type of organisation providing education and training	Dipartimento Architettura e Design - DAD UniGe																									
Other language(s)	English, Spanish, French																									
Self-assessment																										
European level (*)																										
Language																										
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	<table border="1"> <thead> <tr> <th colspan="2">Understanding</th> <th colspan="2">Speaking</th> <th>Writing</th> </tr> <tr> <th>Listening</th> <th>Reading</th> <th>Spoken interaction</th> <th>Spoken production</th> <th></th> </tr> </thead> <tbody> <tr> <td>English</td> <td>B2</td> <td>B2</td> <td>B2</td> <td>B2</td> </tr> <tr> <td>Spanish</td> <td>C1</td> <td>C1</td> <td>C1</td> <td>C1</td> </tr> <tr> <td>French</td> <td>B1</td> <td>B2</td> <td>B2</td> <td>B1</td> </tr> </tbody> </table>	Understanding		Speaking		Writing	Listening	Reading	Spoken interaction	Spoken production		English	B2	B2	B2	B2	Spanish	C1	C1	C1	C1	French	B1	B2	B2	B1
Understanding		Speaking		Writing																						
Listening	Reading	Spoken interaction	Spoken production																							
English	B2	B2	B2	B2																						
Spanish	C1	C1	C1	C1																						
French	B1	B2	B2	B1																						
	(*) Common European Framework of Reference for Languages																									
Social skills and competences	Good ability to work with a multi-disciplinary and multi-scalar perspective. Flexibility and adaptability. Process of co-creation and team elaboration of ideas.																									
Organisational skills and competences	Definition of objectives and time planning for achievement. Innovative thinking and projects through open source tools. Knowledge management and data visualisation.																									

Computer skills and competences	<p>Good knoweldge :</p> <ul style="list-style-type: none"> - QGIS - Google Earth Engine - Remote sensing analysis - Scribus - Inkscape - GNU-Image - OpenShot - OpenOffice writer - Office and PowerPoint - Photoshop / Indesign / Illustrator <p>Medium knoweldge :</p> <ul style="list-style-type: none"> - Obsidian - Logseq - Markdown - Maputnik - Python (Pandas, GeoPandas, Numpy, Matplotlib) - ShotCut <p>Basic knoweldge :</p> <ul style="list-style-type: none"> - Computational Fluid Dynamics (CFD – wind simulation) – SimScale - FileZilla - SketchUp - Autocad - Visual Studio Code - PostreSQL - Python (Yolo, OpenCV) detection object - Mapbox
Artistic skills and competences	Complex cartography, dynamic visualisation. Passionate about visual arts, informational design and video production through exploration of technological potential. Intersection of art, science, society and technology.
Other skills and competences	Photography, digital art, exploring AI tools to optimise time and workflow (Petal / WriteSonic), open source software and data ethics.
Driving licence	Category B

Annexes

- **Unnatural - Territorial Relations between City and Nature, Actar Publishers** : The publication p.148-149 illustrates the bachelor's thesis conducted with Luca Ciravegna under the supervision of author and Professor Nicola Valentino Canessa and Manuel Gausa. The theme is increasingly important mini European cities where the urban transformations must be able to bring in nature, but it is also very interesting the relationship of new urban contexts those generated by new metropolitan areas that allow you to connect areas that were previously considered a "back" to the city.
<https://actar.com/product/unnatural/>
- **How to Design Futures with Cities? EPFL Year Book**
Collaboration to realise the book brings together part of the academic results of the two visiting seminars held by Pablo Martinez and Mar Santamaria Varas at the EPFL School of Architecture, Civil and Environmental Engineering (EPFL-ENAC) in the academic years 2021 and 2022.
<https://app.box.com/s/l2kqstridonrv7n5h6uxt1hgpu3s3ry4>
- **Near me**
Independent critical study of Venice's historic centre that seeks to summarise - through photographs, urban and economic policies, mapping, data, google trends and comparisons - the overdevelopment of services in the age of overtourism.
<https://zenodo.org/records/7700008>

Last updated on July 2024